

Title (en)

HARD DISK DRIVE MODULE AND RECEPTACLE THEREFOR

Publication

EP 0378282 A3 19900905 (EN)

Application

EP 90200577 A 19880211

Priority

- EP 90200577 A 19880211
- US 1849987 A 19870225

Abstract (en)

[origin: WO8806780A1] A portable hard disk drive module (24) enclosing all of the operative components of the disk drive (52) is removably received by a receptacle (22) in a microcomputer system (10). The disk drive module (24) and the receptacle (22) each have an electrical connector (26, 36) and these connectors are coupled when the module (24) is in an operating position within the receptacle (22). The connectors comprise the sole interface between the operative components of the disk drive (52) and the remainder of the computer system (10). The receptacle (22) includes a transport mechanism (92) for moving the module (24) from a load position to the operating position and from the operating position to a module unload position. Accordingly, movement of the module (24) between these positions in the receptacle (22) is completely under machine control.

IPC 1-7

G11B 25/04; **G11B 33/12**; **G11B 33/02**; **G11B 33/08**

IPC 8 full level

G06F 1/16 (2006.01); **G06F 1/18** (2006.01); **G11B 5/012** (2006.01); **G11B 17/02** (2006.01); **G11B 17/035** (2006.01); **G11B 25/04** (2006.01); **G11B 33/02** (2006.01); **G11B 33/08** (2006.01); **G11B 33/12** (2006.01); **H05K 7/00** (2006.01)

IPC 8 main group level

G11B (2006.01)

CPC (source: EP KR US)

G06F 1/184 (2013.01 - EP KR US); **G06F 1/187** (2013.01 - EP KR US); **G06F 11/3031** (2013.01 - KR); **G11B 33/08** (2013.01 - EP KR US); **G11B 33/121** (2013.01 - EP US); **G11B 33/122** (2013.01 - EP KR US); **G11B 33/124** (2013.01 - EP KR US)

Citation (search report)

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- [A] US 4359762 A 19821116 - STOLLORZ HERBERT R
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AT BE CH DE FR IT LI LU NL SE

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WO 8806780 A1 19880907; AT E78609 T1 19920815; AU 1368788 A 19880926; AU 596282 B2 19900426; DE 3872980 D1 19920827; DE 3872980 T2 19930114; DE 3890138 T1 19890413; DK 589588 A 19881021; DK 589588 D0 19881021; EP 0303670 A1 19890222; EP 0303670 A4 19891129; EP 0303670 B1 19920722; EP 0378282 A2 19900718; EP 0378282 A3 19900905; FI 884915 A0 19881024; FI 884915 A 19881024; GB 2237436 A 19910501; GB 2237436 B 19920122; GB 2243940 A 19911113; GB 2243940 B 19920122; GB 8824350 D0 19881214; GB 9112550 D0 19910731; JP H02500623 A 19900301; KR 890700888 A 19890428; KR 960008546 B1 19960628; NO 884728 D0 19881024; NO 884728 L 19881201; NZ 223525 A 19900528; PT 86822 A 19890228; PT 86822 B 19950301; US 4833554 A 19890523

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